

#### S005570281A

# United States Patent [19]

# **Berry**

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Research Disclosure, "De

Research Disclosure, "Default Organization for Connected Object," n349, May 5, 1993.

*IBM Technical Disclosure*, "Graphical Network Analyzer," v36 n12, Dec. 1993, pp. 473–480.

IBM Technical Disclosure, "Interactive Schema Diagram to Visually Represent Tables of Related Data and Meaningful Joins Between Tables," n9, Feb. 1991, pp. 243–246. IBM Technical Disclosure, "Visual Representation of Data-

base Query Definition, "n9, Feb. 1991, pp. 238–242.

Primary Examiner—Paul P. Gordon Attorney, Agent, or Firm—Mark S. Walker; Jenkens & Gilchrist, P.C.

### [57] ABSTRACT

Objects are provided with handles representing the most frequently used events and actions for that particular object. Each handle has a label indicating the name of the event or action it represents. The functions of the objects can be connected together using these handles. In addition, tile events and actions that are shown as handles can be changed by selecting them from a list. The display of the handles and/or labels can be turned off if desired.

5,473,777 12/1995	Moelfer et al	95/700	18 Claims	s, 3 Drawing Shee	ts
10 CPU	RAM ROM  USER INTERFACE ADAPTER	20 A A 22 22 28	DISPLAY ADAPTER	55	

#### [54] METHOD AND SYSTEM FOR FACILITATING VISUAL CONNECTIONS BETWEEN OBJECTS USING HANDLES

[75] Inventor: Richard E. Berry, Georgetown, Tex.

[73] Assignee: International Business Machine Corporation, Armonk, N.Y.

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[52] **U.S. Cl.** ...... **364/146**; 364/188; 395/159

## [56] References Cited

#### U.S. PATENT DOCUMENTS

5,168,441	12/1992	Onarheim et al	364/146
5,345,550	9/1994	Bloomfield	395/156
5,408,659	4/1995	Cavendish et al	395/650
5,428,734	6/1995	Haynes et al	395/159
5,434,965		Matheny et al	
5,455,951	10/1995	Bolton et al	395/700
5,473,777	12/1995	Moelfer et al	395/700
5,475,843	12/1995	Halviatti et al	395/700
2,712,072	1411777	marian of ar	3731100